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64. DNA according to claim 28, wherein the DNA encodes a C- and/or N-terminally shortened fragment of the polypeptide of A or B.

65. DNA coding for a polypeptide having the ability to bind TNF, wherein said polypeptide is selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr
tyr	leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr
asp	cys	arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser
glu	asn	his	leu	arg	his	cys	leu	ser	cys	ser	lys	cys
arg	lys	glu	met	gly	gln	val	glu	ile	ser	ser	cys	thr
val	asp	arg	asp	thr	val	cys	gly	cys	arg	lys	asn	gln
tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe	gln	cys	phe
asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his	leu	ser
cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his	ala
gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn								

, or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	sar	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	pro
gln	ile	glu	asn										

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg
glu	cys	glu	scr	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu
asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly
thr	val	his	leu	scr	cys	gln	glu	lys	gln	asn	thr	val	cys
thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val
ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu
cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser
gly	thr	thr											

, or a C- and/or N- terminally shortened sequence thereof; and

D) a polypeptide comprising the amino acid sequence:

leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	val
cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	ile
cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	asp
cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	glu
ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	cys
leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	glu
ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	cys
arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	phe
gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	his
leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	his
ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	ser
asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	pro
gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr	

, or a C- and/or N- terminally shortened sequence thereof.

66. A DNA according to claim 65, wherein said polypeptide includes at least one additional amino acid at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.

67. A DNA according to claim 66, wherein said polypeptide includes at least one additional amino acid at the amino-terminus and at the carboxyl-terminus.

68. A DNA according to claim 66, wherein said polypeptide includes at least one additional amino acid at the amino-terminus.

69. A DNA according to claim 68, wherein said polypeptide includes a methionine at the amino-terminus.

70. A DNA according to claim 66, wherein said polypeptide includes at least one additional amino acid at the carboxyl-terminus.

71. DNA coding for a polypeptide having the ability to bind TNF selected from the group consisting of:

A) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	scr	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn						

, or a C- and/or N- terminally shortened sequence thereof;

B) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys

ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

C) a polypeptide comprising the amino acid sequence:

met	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof;

D) a polypeptide comprising the amino acid sequence:

met	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

E) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn									

, or a C- and/or N- terminally shortened sequence thereof;

F) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr													

, or a C- and/or N- terminally shortened sequence thereof;

G) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr

leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys
leu	cys	leu	pro	gln	ile	glu	asn						

, or a C- and/or N- terminally shortened sequence thereof;

H) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	pro	leu	val	
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	gly	val	ile	
gly	asp	ser	val	cys	pro	gln	gly	lys	ile	his	pro	gln	
asn	asn	ser	ile	cys	cys	thr	lys	cys	his	lys	thr	tyr	
leu	tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	
arg	glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	
leu	arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	
gly	gln	val	glu	ile	ser	ser	cys	thr	val	asp	arg	asp	
val	cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	
glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	
gly	thr	val	his	leu	ser	cys	gln	glu	lys	gln	asn	thr	
cys	thr	cys	his	ala	gly	phe	phe	leu	arg	glu	asn	glu	
val	ser	cys	ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	
leu	cys	leu	pro	gln	ile	glu	asn	val	lys	gly	thr	glu	
ser	gly	thr	thr										

, or a C- and/or N- terminally shortened sequence thereof; and

I) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile	
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser	
val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn	asn	ser	
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn	
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys	
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his	
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val	
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly	
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu	
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val	
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys	
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys	
ser	asn	cys	lys	lys	ser	leu	glu	cys	thr	lys	leu	cys	leu	
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr	
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys	leu	
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg	
trp	lys	ser	lys	leu	tyr	ser	ile	val	cys	gly	lys	ser	thr	
pro	glu	lys	glu	gly	glu	leu	glu	gly	thr	thr	lys	pro		
leu	ala	pro	asn	pro	ser	phe	ser	pro	thr	pro	gly	phe	thr	
pro	thr	leu	gly	phe	ser	pro	val	pro	ser	ser	thr	phe	thr	
ser	ser	thr	tyr	thr	pro	gly	asp	cys	pro	pro	asn	phe	ala	
ala	pro	arg	arg	glu	val	ala	pro	pro	tyr	gln	gly	ala	asp	
pro	ile	leu	ala	thr	ala	leu	ala	ser	asp	pro	ile	pro	asn	
pro	leu	gln	lys	trp	glu	asp	ser	ala	his	lys	pro	gln	ser	
leu	asp	thr	asp	asp	pro	ala	thr	leu	tyr	ala	val	val	glu	
asn	val	pro	pro	leu	arg	trp	lys	glu	phe	val	arg	arg	leu	
gly	leu	ser	asp	his	glu	ile	asp	arg	leu	glu	leu	gln	asn	
gly	arg	cys	leu	arg	glu	ala	gln	tyr	ser	met	leu	ala	thr	
trp	arg	arg	arg	thr	pro	arg	arg	glu	ala	thr	leu	glu	leu	
leu	gly	arg	val	leu	arg	asp	met	asp	leu	leu	gly	cys	leu	
glu	asp	ile	glu	glu	ala	leu	cys	gly	pro	ala	ala	leu	pro	
pro	ala	pro	ser	leu	leu	arg								

, or a C- and/or N- terminally shortened sequence thereof.

72. A DNA according to claim 71, wherein said polypeptide includes at least one additional amino acid

at the amino-terminus, at the carboxyl-terminus, or at both the amino-terminus and at the carboxyl-terminus.

73. A DNA according to claim 72, wherein said polypeptide includes at least one additional amino acid  
at the carboxyl-terminus.

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74. DNA according to claim 2, wherein said DNA is selected from the group consisting of:

A) DNA comprising the sequence:

CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC GTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT

GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TIC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TIC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof; and

D) DNA comprising the sequence:

GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TIC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TIT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA

, or a C- and/or N- terminally shortened sequence thereof.

75. DNA coding for a polypeptide having the ability to bind to TNF, wherein said DNA coding said

polypeptide is selected from the group consisting of:

A) DNA comprising the sequence:

ATG CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TIC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG

CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

B) DNA comprising the sequence:

ATG CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA

, or a C- and/or N- terminally shortened sequence thereof;

C) DNA comprising the sequence:

ATG GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

D) DNA comprising the sequence:

ATG GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG

ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA

, or a C- and/or N- terminally shortened sequence thereof;

E) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA CTG GTG  
CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC TCA GGG GTT ATT  
GGA CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC ACC GTG TGC ACC TGC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG AAC ACC GTG TGC ACC TGC  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT

, or a C- and/or N- terminally shortened sequence thereof;

F) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA CTG GTG  
CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC TCA GGG GTT ATT  
GGA CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC

TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA

, or a C- and/or N- terminally shortened sequence thereof;

G) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA CTG GTG  
CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC TCA GGG GTT ATT  
GGA GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA  
AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC  
TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC  
AGG GAG TGT GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC  
CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG  
GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC  
GTG TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT  
GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT  
GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG  
TGC ACC TGC CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT  
GTC TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG  
TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC

, or a C- and/or N- terminally shortened sequence thereof;

H) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA CTG GTG  
CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC TCA GGG GTT ATT  
GGA GAT AGT GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA  
AAT AAT TCG ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC  
TTG TAC AAT GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC  
AGG GAG TGT GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC  
CTC AGA CAC TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG  
GGT CAG GTG GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC  
GTG TGT GGC TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT  
GAA AAC CTT TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT  
GGG ACC GTG CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG  
TGC ACC TGC CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT  
GTC TCC TGT AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG  
TTG TGC CTA CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC  
TCA GGC ACC ACA

, or a C- and/or N- terminally shortened sequence thereof; and

I) DNA comprising the sequence:

ATG GGC CTC TCC ACC GTG CCT GAC CTG CTG CTG CCA CTG GTG  
CTC CTG GAG CTG TTG GTG GGA ATA TAC CCC TCA GGG GTT ATT  
GGA CTG GTC CCT CAC CTA GGG GAC AGG GAG AAG AGA GAT AGT  
GTG TGT CCC CAA GGA AAA TAT ATC CAC CCT CAA AAT AAT TCG  
ATT TGC TGT ACC AAG TGC CAC AAA GGA ACC TAC TTG TAC AAT  
GAC TGT CCA GGC CCG GGG CAG GAT ACG GAC TGC AGG GAG TGT  
GAG AGC GGC TCC TTC ACC GCT TCA GAA AAC CAC CTC AGA CAC  
TGC CTC AGC TGC TCC AAA TGC CGA AAG GAA ATG GGT CAG GTG  
GAG ATC TCT TCT TGC ACA GTG GAC CGG GAC ACC GTG TGT GGC  
TGC AGG AAG AAC CAG TAC CGG CAT TAT TGG AGT GAA AAC CTT  
TTC CAG TGC TTC AAT TGC AGC CTC TGC CTC AAT GGG ACC GTG  
CAC CTC TCC TGC CAG GAG AAA CAG AAC ACC GTG TGC ACC TGC  
CAT GCA GGT TTC TTT CTA AGA GAA AAC GAG TGT GTC TCC TGT  
AGT AAC TGT AAG AAA AGC CTG GAG TGC ACG AAG TTG TGC CTA  
CCC CAG ATT GAG AAT GTT AAG GGC ACT GAG GAC TCA GGC ACC  
ACA GTG CTG TTG CCC CTG GTC ATT TTC TTT GGT CTT TGC CTT  
TTA TCC CTC CTC TTC ATT GGT TTA ATG TAT CGC TAC CAA CGG  
TGG AAG TCC AAG CTC TAC TCC ATT GTT TGT GGG AAA TCG ACA  
CCT GAA AAA GAG GGG GAG CTT GAA GGA ACT ACT ACT AAG CCC  
CTG GCC CCA AAC CCA AGC TTC AGT CCC ACT CCA GGC TTC ACC  
CCC ACC CTG GGC TTC AGT CCC GTG CCC AGT TCC ACC TTC ACC  
TCC AGC TCC ACC TAT ACC CCC GGT GAC TGT CCC AAC TTT GCG  
GCT CCC CGC AGA GAG GTG GCA CCA CCC TAT CAG GGG GCT GAC  
CCC ATC CTT GCG ACA GCC CTC GCC TCC GAC CCC ATC CCC AAC  
CCC CTT CAG AAG TGG GAG GAC AGC GCC CAC AAG CCA CAG AGC  
CTA GAC ACT GAT GAC CCC GCG ACG CTG TAC GCC GTG GTG GAG  
AAC GTG CCC CCG TTG CGC TGG AAG GAA TTC GTG CGG CGC CTA  
GGG CTG AGC GAC CAC GAG ATC GAT CGG CTG GAG CTG CAG AAC  
GGG CGC TGC CTG CGC GAG GCG CAA TAC AGC ATG CTG GCG ACC  
TGG AGG CGG CGC ACG CCG CGG CGC GAG GCC ACG CTG GAG CTG  
CTG GGA CGC GTG CTC CGC GAC ATG GAC CTG CTG GGC TGC CTG  
GAG GAC ATC GAG GAG GCG CTT TGC GGC CCC GCC GCC CTC CCG  
CCC GCG CCC AGT CTT CTC AGA

, or a C- and/or N- terminally shortened sequence thereof.

76. A recombinant host cell containing a DNA molecule comprising a DNA coding for a polypeptide having the ability to bind TNF selected from the group consisting of:

- A) a polypeptide comprising the amino acid sequence:

met	gly	leu	ser	thr	val	pro	asp	leu	leu	leu	pro	leu	val
leu	leu	glu	leu	leu	val	gly	ile	tyr	pro	ser	gly	val	ile
gly	leu	val	pro	his	leu	gly	asp	arg	glu	lys	arg	asp	ser
val	cys	pro	gln	gly	lys	cys	ile	his	pro	gln	asn	asn	scr
ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu	tyr	asn
asp	cys	pro	gly	pro	gly	gln	asp	thr	asp	cys	arg	glu	cys
glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu	arg	his
cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly	gln	val
glu	ile	ser	ser	cys	thr	val	asp	arg	asp	thr	val	cys	gly
cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp	ser	glu	asn	leu
phe	gln	cys	phe	asn	cys	ser	leu	cys	leu	asn	gly	thr	val
his	leu	ser	cys	gln	glu	lys	gln	asn	thr	val	cys	thr	cys
his	ala	gly	phe	phe	leu	arg	glu	asn	glu	cys	val	ser	cys
ser	asn	cys	lys	lys	scr	leu	glu	cys	thr	lys	leu	cys	leu
pro	gln	ile	glu	asn	val	lys	gly	thr	glu	asp	ser	gly	thr
thr	val	leu	leu	pro	leu	val	ile	phe	phe	gly	leu	cys	leu
leu	ser	leu	leu	phe	ile	gly	leu	met	tyr	arg	tyr	gln	arg
trp	lys	ser	lys	leu	tyr	ser	ile	val	cys	gly	lys	ser	thr
pro	glu	lys	glu	gly	glu	leu	glu	gly	thr	thr	lys	pro	
leu	ala	pro	asn	pro	ser	phe	ser	pro	thr	pro	gly	phe	thr
pro	thr	leu	gly	phe	ser	pro	val	pro	ser	ser	thr	phe	thr
ser	ser	thr	thr	tyr	thr	pro	gly	asp	cys	pro	asn	phe	ala
ala	pro	arg	arg	glu	val	ala	pro	pro	tyr	gln	gly	ala	asp
pro	ile	leu	ala	thr	ala	leu	ala	ser	asp	pro	ile	pro	asn
pro	leu	gln	lys	trp	glu	asp	ser	ala	his	lys	pro	gln	ser
leu	asp	thr	asp	asp	pro	ala	thr	leu	tyr	ala	val	val	glu
asn	val	pro	pro	leu	arg	trp	lys	glu	phe	val	arg	arg	leu
gly	leu	ser	asp	his	glu	ile	asp	arg	leu	glu	leu	gln	asn
gly	arg	cys	leu	arg	glu	ala	gln	tyr	ser	met	leu	ala	thr
trp	arg	arg	arg	thr	pro	arg	arg	glu	ala	thr	leu	glu	leu
leu	gly	arg	val	leu	arg	asp	met	asp	leu	leu	gly	cys	leu
glu	asp	ile	glu	glu	ala	leu	cys	gly	pro	ala	ala	leu	pro
pro	ala	pro	ser	leu	leu	arg;							

## B) a polypeptide comprising the amino acid sequence:

asp	ser	val	cys	pro	gln	gly	lys	tyr	ile	his	pro	gln	asn
asn	ser	ile	cys	cys	thr	lys	cys	his	lys	gly	thr	tyr	leu
tyr	asn	asp	cys	pro	gly	pro	gly	gln	asp	thr	cys	arg	
glu	cys	glu	ser	gly	ser	phe	thr	ala	ser	glu	asn	his	leu
arg	his	cys	leu	ser	cys	ser	lys	cys	arg	lys	glu	met	gly
gln	val	glu	ilo	ser	ser	cys	thr	val	asp	arg	asp	thr	val
cys	gly	cys	arg	lys	asn	gln	tyr	arg	his	tyr	trp		
ser	glu	asn	leu	phe	gln	cys	phe	asn	cys	ser	cys	leu	

asn gly thr val his leu ser cys gln glu lys gln asn thr  
val cys thr cys his ala gly phe phe leu arg glu asn glu  
cys val ser cys ser asn cys lys lys ser leu glu cys thr  
lys leu cys leu pro gln ile glu asn; and

C) a fragment of A or B.

77. A recombinant host cell according to claim 76, which is a mammalian cell.

78. A process for preparing a recombinant host cell containing a polypeptide having TNF inhibitory activity comprising producing the polypeptide in a recombinant host cell according to claim 76, under suitable conditions to express the DNA molecule contained therein to produce the polypeptide.

79. A process according to claim 78, wherein said host cell is a prokaryotic cell.

80. A process according to claim 79, wherein said host cell is *E. coli*.

81. A process according to claim 78, wherein said host cell is a eukaryotic cell.

82. A process according to claim 81, wherein said host cell is a mammalian cell.

83. A process according to claim 82, wherein said host cell is a Chinese Hamster Ovary cell.

84. A process according to claim 82, wherein said host cell is a COS cell.

85. A process according to claim 78, wherein the DNA molecule comprises promoter DNA, other than the promoter DNA for the native polypeptide having TNF inhibitory activity, operatively linked to the nucleic acid encoding the TNF inhibitor.

86. A process according to claim 78, wherein the host cell is grown under suitable nutrient conditions

to amplify the nucleic acid sequence.